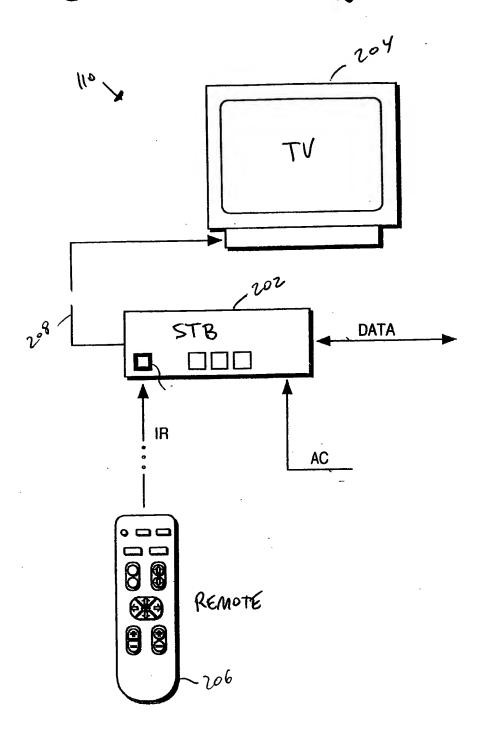
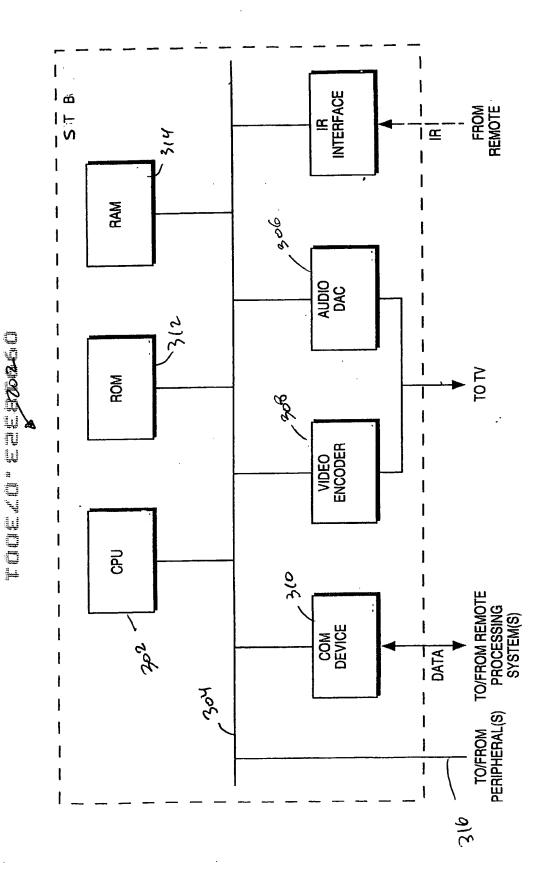


# FIG. I



# FIG. 2



.

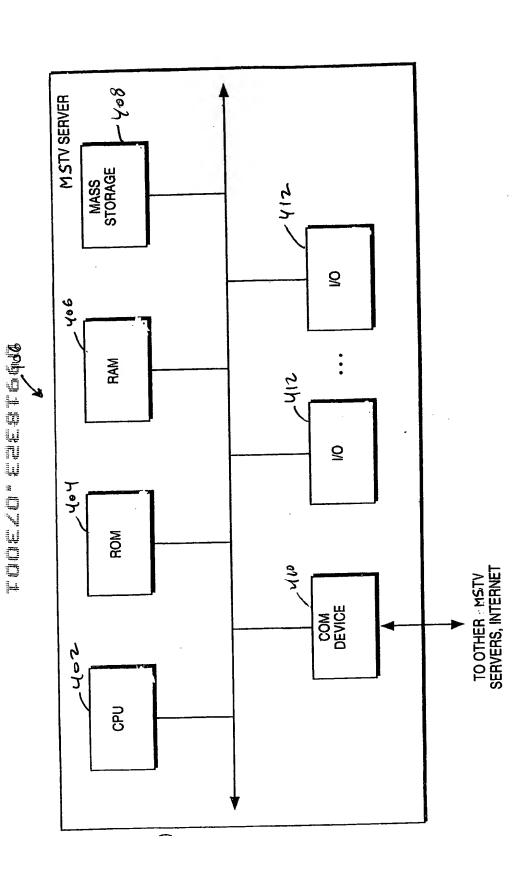
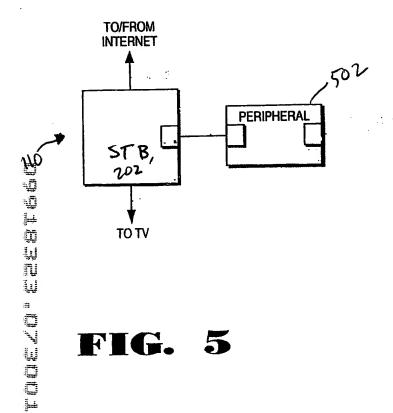


FIG. 4



# <u>602</u>

Detect Device Event, 604

Transmit Request to Obtain Software or Data, 606

Select Software or Data From First Source, 608

Receive Selected Software Or Data From First Source, 610

FIG. 6A

### <u>612</u>

Detect Device Event, 614

Transmit Request to Obtain Software or Data, 616

Select Software or Data For Peripheral Device, 618

Receive Software or Data From First Source, 620

FIG. 6B

# <u>622</u>

Detect Device Event, 624

Execute Corresponding Function, 625

FIG. 6C

# <u>626</u>

Receive Peripheral Device Signal, 628

Process Signal to Generate Intermediary Signal, 630

Transmit Intermediary Signal To Digital Processing System, 632

FIG. 6D

### <u>634</u>

Receive peripheral device signal, 636

Process peripheral device signal, 638

Execute corresponding function, 640

Open Communications Channel Between Client and Data/Software Source, 642

FIG. 6E

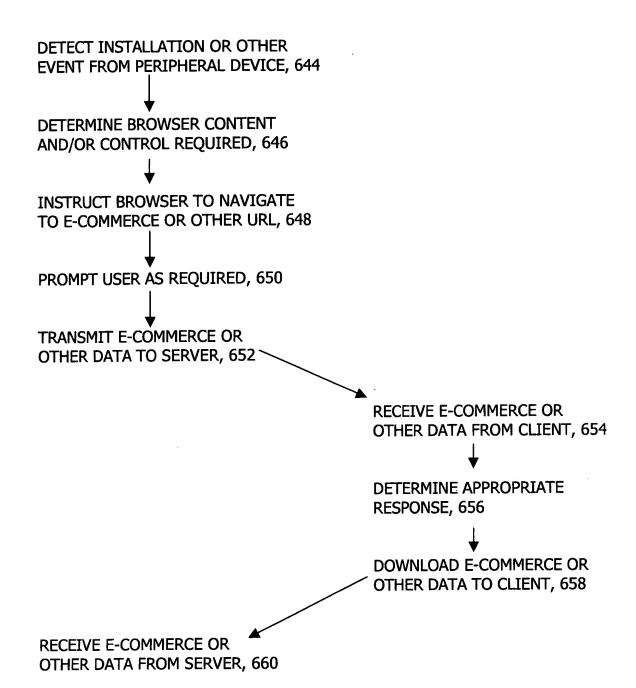
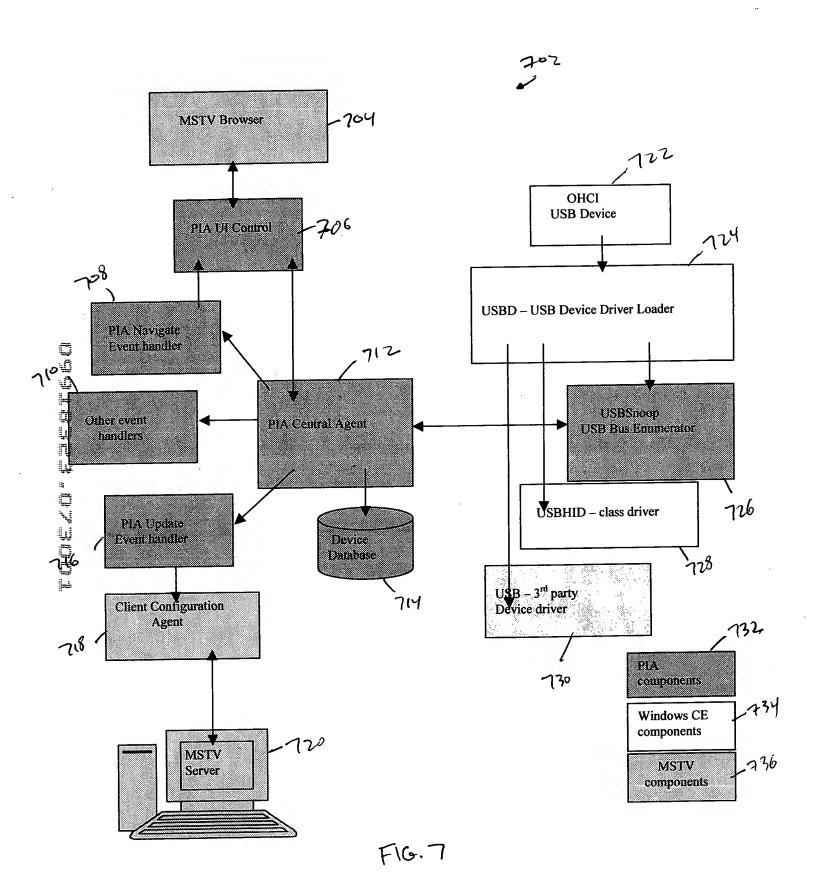
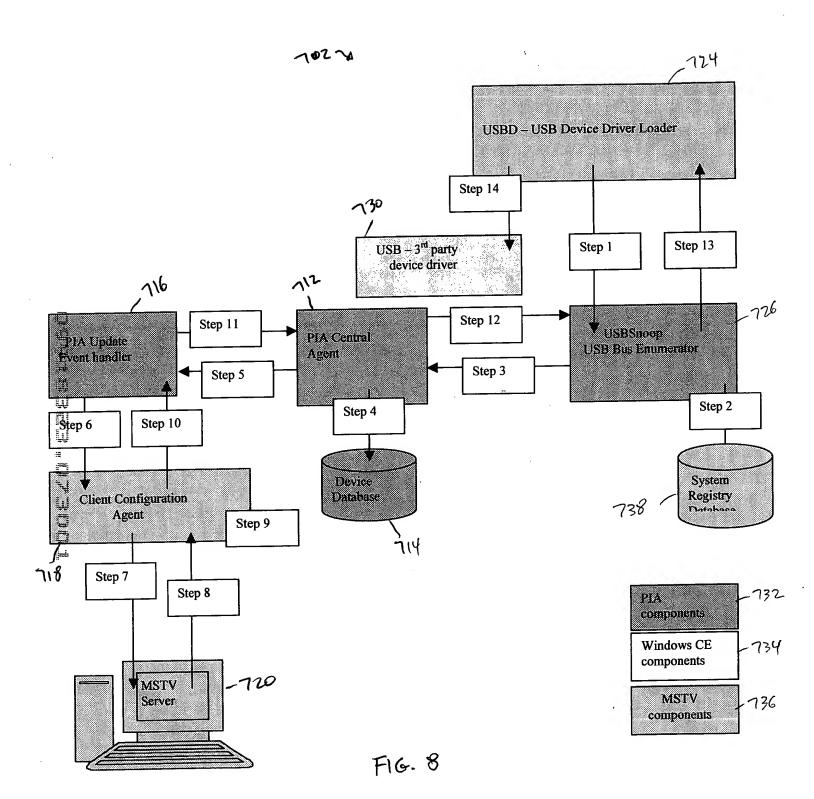
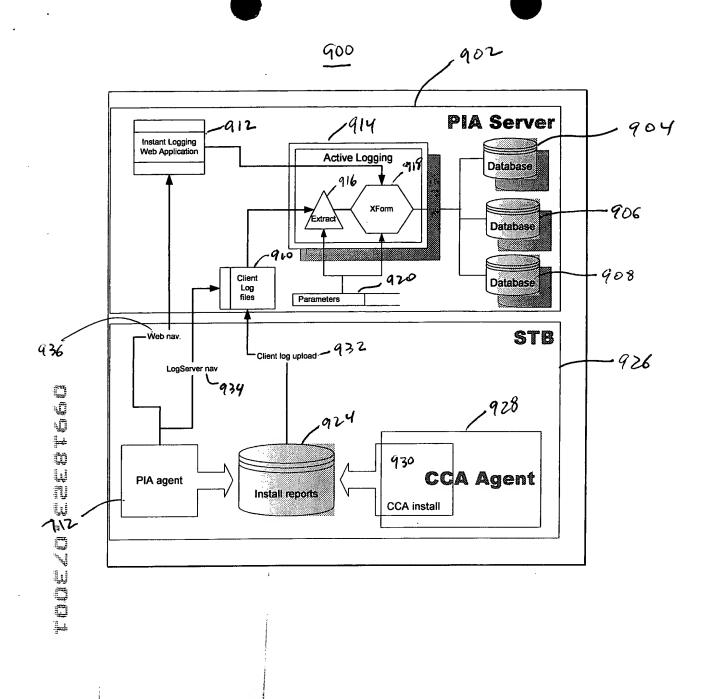


FIG. 6F







F16.9

#### **Non-Interactive:**

Step 1: O adds entry to handle ds insertion into s into PIADevice.xml,. and updates CCS

Step 2: *O* prepares Extractor XSL Stylesheet,
Defines How STB ID Is Transformed Into User ID,
Adds Other Details *W* Needs to Complete Transaction

Step 3: Client Assembles Data and Message Structure, Sends Message

Step 4: S Receives Message and Creates User Record

Step 5: *S* forwards record to *E*; *E* enters transaction in Its Processor

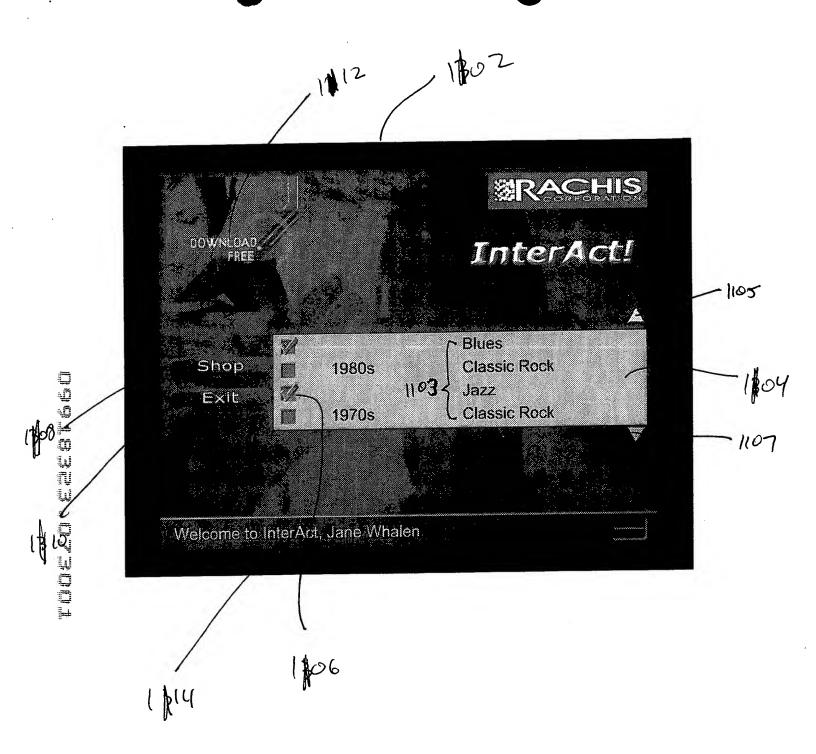
#### Interactive:

Step 1: O adds entry to handle ds insertion into s into PIADevice.xml and updates CCS

Step 2: O prepares Transformer XSL Stylesheet (w/ URL of Website where appropriate)

Step 3: PIADEVICE.xml Contains, for *d*'s Activation on *s*, NAVIGATE Directive to Direct Packaging of Arguments; Request in HTTP to Web Server

Step 4: Web Server Creates Customer Record, Uses XSL Transformation Stylesheet to Prepare Record, and Where Appropriate, w Connects Interactive Application on e to s, Sending e the Initial Data it Transformed

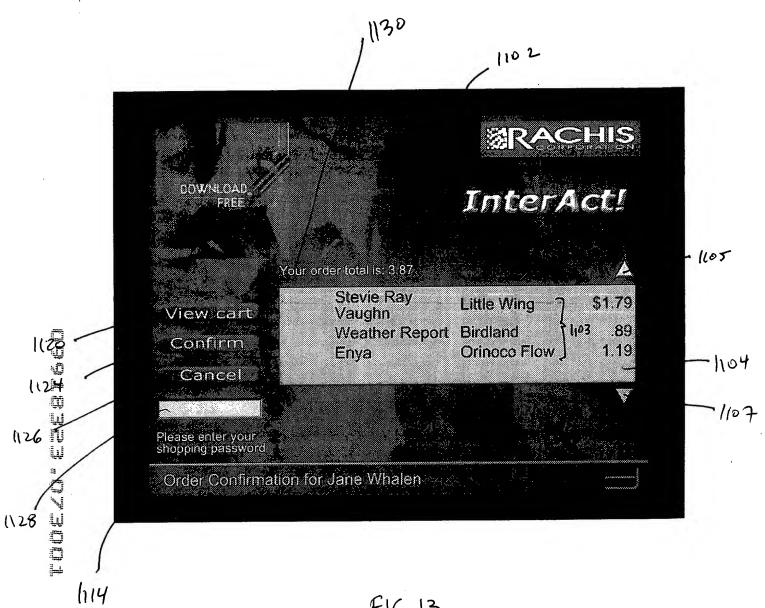


F16.11

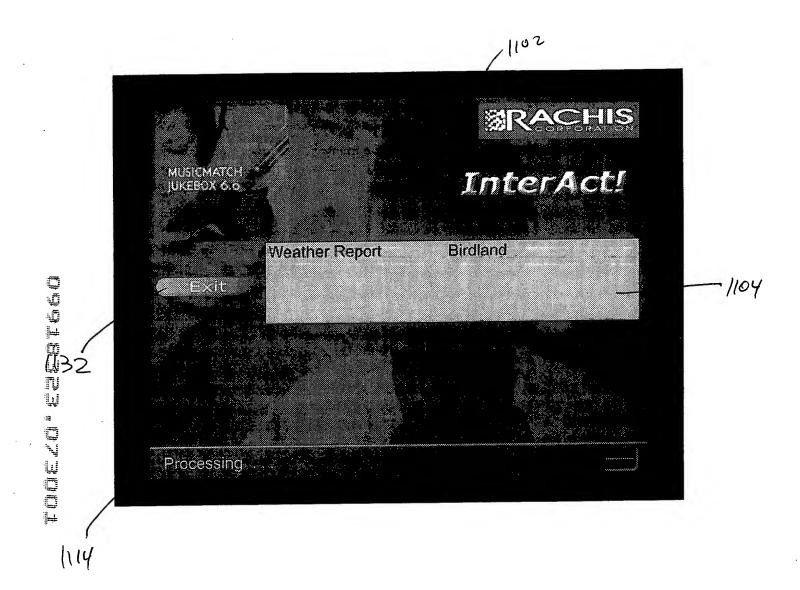
-1102 **MRACHIS** featuring MUSICMATCH Padie InterAct! 1105 Stevie Ray Vaughn 1104 Little Wing \$1.79 W Circles **Bad Case of** 1.46 Genres B.B. King Love 1103 .89 Birdland Weather Report Exit W 1.19 Orinoco Flow 777 Enya 1107 Rachis InterAct! Song Catalog

FIG. 12

1114



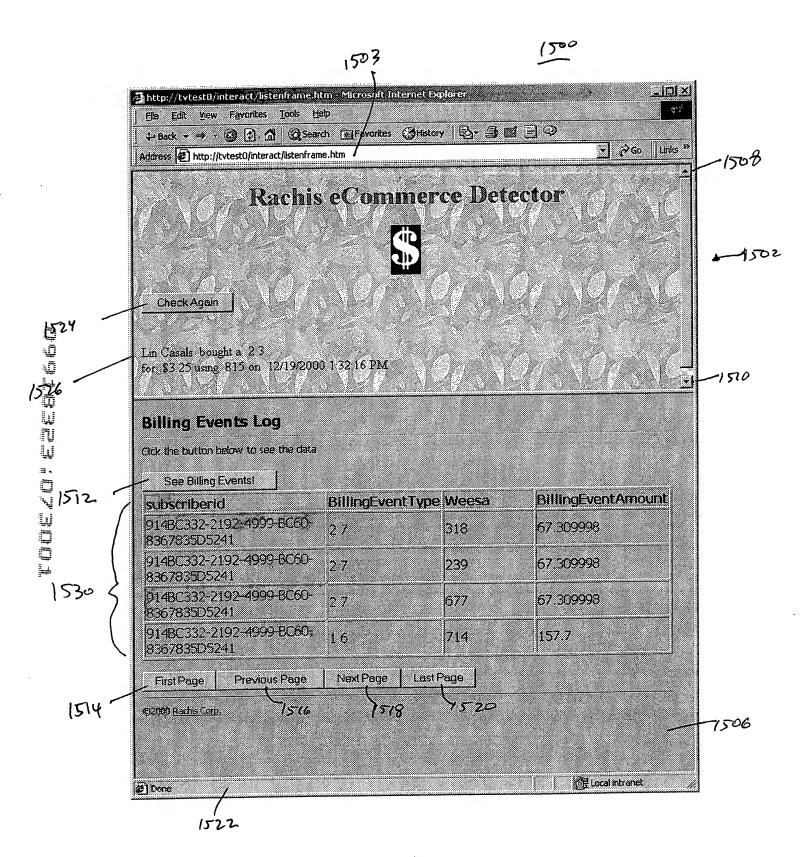
F16.13



F16-14

1503 1500 🖪 http://tytest0/interact/listenframe.htm = Microsoft Internet Explorer File Edit Yew Favorites Tools Help 🕶 Bark - 📦 - 🗿 🗿 🛗 👰 Sourch 😰 Favorites (정Hatory 🛂 - 👙 🔟 🗒 🕏 ∂'Go ∐Links " Address http://tvtest0/interact/listenframe.htm Rachis eCommerce Detector 1504 No recent Activity 12/19/2000 2:25:08 PM **Billing Events Log** Click the button below to see the data See Billing Events 1506 Last Page Next Page First Page Previous Page @2000 Radhis Corp. Cotal intranet 2 Done 1522

F16.15



F16-16